

Form PTO-1390 (REV 11-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 480821.90116
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			10/088,403
INTERNATIONAL APPLICATION NO. PCT/GB00/03603		INTERNATIONAL FILING DATE 20 Sept 2000 (20.09.00)	US. APPLICATION NO. (If known, see 37 CFR 1.5) 10/088,403
TITLE OF INVENTION PHOTONIC CRYSTAL MATERIALS		PRIORITY DATE CLAIMED 20 Sept 1999 (20.09.99)	
APPLICANT(S) FOR DO/EO/US TURBERFIELD, Andrew Jonathan; DENNING, Robert Gordon			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none">1. [] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. [X] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. [] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).4. [] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.5. [] A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none">a. [] is transmitted herewith (required only if not transmitted by the International Bureau).b. [] has been transmitted by the International Bureau.c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)6. [] A translation of the International Application into English (35 U.S.C. 371(c)(2)).7. [] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none">a. [] are transmitted herewith (required only if not transmitted by the International Bureau).b. [] have been transmitted by the International Bureau.c. [] have not been made; however, the time limit for making such amendments has NOT expired.d. [] have not been made and will not be made.8. [] A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).9. [X] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. [] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
Items 11. to 16. below concern document(s) or information included:			
<ol style="list-style-type: none">11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98 and Form 1449.12. [X] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. [] A FIRST preliminary amendment. [] A SECOND or SUBSEQUENT preliminary amendment.14. [] A substitute specification.15. [] A change of power of attorney and/or address letter.16. [X] Other items or information: Copy of Form PCT/EO/905, Notification of Missing Requirements Under 35 USC 371; Postcard			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. National Phase Application Corresponding To:

USSN: 10/088,403
PCT Application: PCT/GB00/03603
International
I.A. Filing Date: 20 Sept 2000
Priority Date: 20 Sept 1999
Applicant: TURBERFIELD, et al.
Docket No.: 480821.90116

Assistant Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. 371 BY LARGE ENTITY

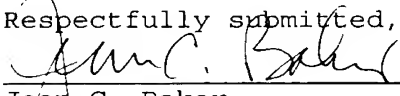
Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 under date of mailing of 12 June 2002, a copy of which is attached hereto and incorporated herein by reference, applicant hereby provides the following information and/or documentation:

1. Combined Declaration and Power of Attorney for Patent Application signed by Applicants, Andrew Jonathan Turberfield and Robert Gordon Denning.

The Commissioner is hereby authorized to charge Deposit Account 17-0055 in the amount of \$130.00 for the fee required for furnishing the oath or declaration later than 30 months from the earliest claimed priority date pursuant to 37 CFR 1.492(3) as applicant is now a large entity. The Commissioner is further authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 17-0055.

July 24, 2002

Respectfully submitted,
By: 
Jean C. Baker
QUARLES & BRADY LLP
411 East Wisconsin Avenue
Milwaukee, WI 53202
Reg. No.: 34,433
(414) 277-5709



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO	FIRST NAMED APPLICANT	ATTY. DOCKET NO
10/088,403	Andrew Jonathan Turberfield	480821.90116

INTERNATIONAL APPLICATION NO	
PCT/GB00/03603	
I.A. FILING DATE	PRIORITY DATE
09/20/2000	09/20/1999

Quarles & Brady
411 East Wisconsin Avenue
Milwaukee, WI 53202-4497

CONFIRMATION NO. 2958

371 FORMALITIES LETTER



OC00000008256460

Date Mailed: 06/12/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

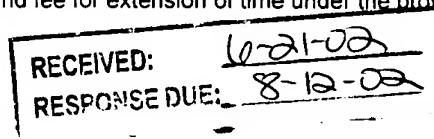
- U.S. Basic National Fees
- Indication of Small Entity Status
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Preliminary Amendments
- Small Entity Statement

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$65 Surcharge for providing the oath or declaration later than the appropriate 30 months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).



SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65** Late oath or declaration Surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 305-6421

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/088,403	PCT/GB00/03603	480821.90116